

QUALITY MANAGEMENT ISO 9001

Technical data sheet

EGGER Ultralight MDF Mouldings TSCA/CARB2/EPA

Code: TDMOULENUS

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Page: 1 de 1

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Recipe: 524

EGGER mouldings are produced in different profiles and thickness, with a smooth and white coloured surface. The mouldings are 3-side primed with an environmentally friendly water-based primer. They can be painted and installed easily.

Different profiles available for mouldings, bases, casings, crowns, chair rails, stops, wainscots, boards and others.

- Barcode labels according to ANSI Grade C.
- SCS Recycle Material Content available under requirement.

Concordia Factory.



Dimensions	Width	Length	Thickness
Minimum	32mm	2135mm	9mm
Maximum	200mm	5185mm	30mm

Board type meets EN 622-5 standard (UL2 type)

Mechanical properties & board mean values	Unit	Board thickness		
		9-12	>12-19	>19-30
Internal Bond strength EN319	[N/mm ²]	≥ 0.35	≥ 0.35	≥ 0.30
Bending strength EN310	[N/mm ²]	≥ 18	≥ 16	≥ 14
Modulus of elasticity EN 310	[N/mm ²]	≥ 1400	≥ 1300	≥ 1200
Swelling in thickness 24h EN 317	[%]	≤ 18	≤ 14	≤ 13
Moisture content * EN322	[%]	4-11		
Formaldehyde emission class **		E1, TSCA, CARB2		

General tolerances	Unit	Board Thickness		
		9-12	>12-19	>19-30
Length & width tolerance EN324	[mm/m]	± 2.0mm/m; maximum ± 5mm		
Thickness tolerance EN 324	[mm]	± 0.2	± 0.2	± 0.3
Edge straightness EN324	[mm/m]	± 1.5		
Squareness tolerance EN 324	[mm/m]	± 2.0		

* On delivery

** E1: According to the "Regulation on the Prohibition of Chemicals (ChemVerbotsV)" from October 1993 along with the "Regulation on the classification and external supervision of wood-based panels regarding formaldehyde emission (DIBt - Guideline 100)" dated June 1994, unfaced MDF must not exceed a perforator value (photometric) of 8 mg HCHO/100g oven dry board at a moisture content of 6.5 %. The rolling average of EN ISO 12460-5 values over a period of year is max. 7.0 mg HCHO/100g panel mass.

** CARB 2: According to the California Air Resources Board (CARB), "Final Regulation Order AIRBORNE TOXIC CONTROL MEASURE TO REDUCE FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS", California Code of Regulations 93120-93120.12, title 17, article 93120.2 (a) - Phase 2 - using the chamber method according to ASTM E 1333, MDF may not exceed 0.11 ppm and Thin-MDF 0.13ppm.

** TSCA: In line with US EPA 40 CFR Part 770 "Formaldehyde Emission Standards for Composite Wood Products", Title VI to the Toxic Substances Control Act (TSCA) - "TSCA Title VI", para 40 CFR § 770.10 (b), MDF may not exceed 0.11 ppm and Thin-MDF 0.13 ppm according to ASTM E1333 using the chamber method.

Provisional note:

This technical data sheet has been carefully drawn up to the best of our knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. It is based on practical experiences, our own tests and correspond to our present state of knowledge. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development of Egger products, as well as from changes to standards and public law documents. Therefore, the content of these processing instructions cannot serve as instructions for use nor as a legally binding basis.